



Application of Innovative Silvicultural Treatments in Pine Forests

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Message from the Guest Editors

Pine forests are one of the most widespread types of vegetation worldwide, both in natural formations and in artificial plantations.

Currently, one of the most important challenges is how to manage natural and artificial pine forests, supporting a synergistic and complementary relationship between various forest ecosystem services while avoiding the generation of ecosystem services trade-offs.

Among the forest management choices that can affect the provision of ecosystem services, an important role is played by silvicultural treatments and their spatial and temporal application. Furthermore, silvicultural treatments can modify the natural cycle of elements, influencing micro-climatic variability, generating a higher level of soil biodiversity and promoting high growth rates and carbon sequestration.

The goal of this Special Issue is to provide a compendium of documents that scientifically evaluates the effects of the application of different silvicultural treatments on the various ecosystem services expected from pine forests.





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